



COPY OF PAL

AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: CRYSTAL STRUCTURE OF THE 30S RIBOSOME AND ITS USE, the specification of which is attached hereto unless the following box is checked:

was filed on July 13, 2001 as United States Application Serial No. 09/904,779. X

I HEREBY STATE THAT I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and bave also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing (day/month/year)	Priority	Claimed?
0017376.5	United Kingdom		⊠ Yes	□No
0022943.5	United Kingdom	September 19, 2000	⊠Yes	□No

Thereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Sarial No.	Filing Date

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No. Filing Date	Status 2
	□Patented □Pending □Abandoned

I hereby declare mat all statements made herein of my own knowledge are true and that all statements made on information and b lief are believed to be true; and further that these statements were mad with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Venkatraman RAMAKRISHNAN Name: Residence: Cambridge, United Kingdom Citizenship: United States Post Office Address: MRC Laboratory of Molecular Biology Structural Studies Division Ilills Road Cambridge, CB2 2QH Unjaced Kingdom Hev Egeskov BRODERSEN Name: Residence: ambridge. United Kingdom Citizenship: Post Office Address: MRC Laboratory of Molecular Biology Structural Studios Division Hills Road Cambridge, CD2 2QH United Kingdom Name: Andrew Philip CARTER Residence: Cambridge, United Kingdom Citizenship: Great Britain Post Office Address: MRC Laboratory of Molecular Biology Structural Studies Division Hills Road Cambridge, CB2 2QH United Kingdom Brian Thomas WIMBERLY Date Name: Kalamazog, Michigan Residence: Citizenship: United States Post Office Address: 3814 Greenlesf Circle Kalamazoo, Michigan 49008 Date **Мине**: William Melvon CLEMONS, Jr. Residence: Baston, Massachusetts Citizenship: United States Post Office Address: Harvard Medical School Department of Cell Biology LHRBB-612

240 Longwood Avenue

Boston, Massachusetts 02115-6091

Client Ref. 5924816

NO. 8/86

DECLARATION FOR UTILITY PATENT APPLICATION

COPY OF PAF ORIGINALLY FIL

AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: CRYSTAL STRUCTURE OF THE 30S RIBOSOME AND ITS USE, the specification of which is attached hereto unless the following box is checked:

was filed on July 13, 2001 as United States Application Serial No. 09/904,779. 囡

I HEREBY STATE THAT I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

Thereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

	E CHILDY.	(day, area law, was, and	Pirenty	Clavinia 17
0017376.5	United Kingdom	July 14, 2000	⊠Yes	□No
0022943:5		September 19, 2000	图Yes	□No

Thereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States of PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Applications Small for	Entrep Date:	Seine	
		i	□Abandoned



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of th United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date .

Name:

Venkatraman RAMAKRISHNAN

Residence:

Cambridge, United Kingdom

Citizenship:

United States

Post Office Address:

MRC Laboratory of Molecular Biology

Structural Studies Division

Hills Road

Cambridge, CB2 2QH United Kingdom

Date

Name:

Ditlev Egeskov BRODERSEN

Residence:

Cambridge, United Kingdom

Citizenship:

Denmark

Post Office Address:

MRC Laboratory of Molecular Biology

Structural Studies Division

Hills Road

Cambridge, CB2 2QH United Kingdom

Name:

Andrew Philip CARTER

Residence:

Cambridge, United Kingdom

Citizenship:

Great Britain

Post Office Address:

MRC Laboratory of Molecular Biology

Structural Studies Division

Hills Road

Cambridge, CB2 2QH

United Kingdom

5 Dec. 2001

Name:

Brian Thomas WEMBERLY

Residence:

Kalamazoo, Michigan

Citizenship:

United States

Post Office Address:

Manual - Cinda

Kalenman Michigan 49602

Date

Nume:

William Melvon CLEMONS, Jr.

Residence:

Boston, Massachusetts

Citizenshio: Post Office Address: United States

Harvard Medical School

Department of Cell Biology LHRBB-612

240 Longwood Avenue

Boston, Massachuseus 02115-6091

AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:

My residence, post office address, and citizenship are as stated below next to my name.

ARATION FOR UTILITY PATENT APPLICATION ORIGINALLY FILE.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: CRYSTAL STRUCTURE OF THE 30S RIBOSOME AND ITS USE, the specification of which is attached hereto unless the following box is checked:

was filed on July 13, 2001 as United States Application Serial No. 09/904,779. X

I HEREBY STATE THAT I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing, (day/morth/year).	Priority	Claimed?
0017376.5	United Kingdom	July 14, 2000	⊠ Yes	□No
0022943.5	United Kingdom	September 19, 2000	⊠ Yes	□No

I hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Sarial No.	Filing Date
·	

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No. Filing Date	Status
	□Patented □Pending □Abandoned

Thereby declare that all statements made herein f my own knowledge are true and that all statements made on information and belief are beli ved to be true; and further that these statements were mad with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 fth United States C de and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

		Day Complete
Date	Name:	Venkatraman RAMAKRUSHNAN Cambridge, United Kingdom
	Residence: Citizanship:	United States
	Post Office Address:	MRC Laboratory of Molecular Biology
	rosi Ollide Madicas.	Structural Studies Division
	•	Hills Road
		Cambridge, CB2 2QH
		United Kingdom
		Olliford Learning
Date	Name:	Disley Egeskov BRODERSEN
	Rezidence:	Cambridge United Kingdom
	Citizouship:	Denourk
	Post Office Address:	MRC Laboratory of Molecular Biology
	- 441 41224 1322	Structural Studies Division
		Hills Road
		Cambridge, CB2 IQH
		United Kingdom
Date	Name:	Andrew Philip CARTER
	Residence:	Carranidge, United Kingdom
	Citizenship:	Great Briwin
	Post Office Address:	MRC Laboratory of Molecular Biology
		Structural Studies Division
		Hills Road
		Cambridge, CB2 2QH
		United Kingdom
Due	Name	Scien Thomas WIMBERLY
Dec	Residence:	Kalamazoo, Michigan
	Citizanship:	United States
	Post Office: Address:	3814 Gromles (Circle
	100,000,000	Kelempato. Michigan 49008
·	· () (///	
10 DEZ 2001	1/2 /1/1	1/
Date	Name:	William Melvon CLEMONS, Jr.
	Residence:	Boston, Massachusetts
•	Citizenship:	United States
:	Cidzenship: Post Office Address:	United States Hervard Medical School Department of Cell Biology LHRBB-6

240 Longwood Avenue

Boston, Massachusetts 02115-6091